

Diagnostic Exercise

From The Davis-Thompson Foundation*

Question Sheet

Case **188**; Month: **May**; Year: **2022**

Contributor: Justin M. Stilwell¹, DVM, PhD, DACVP; Daniel R. Rissi², DVM, MS, PhD, DACVP. ¹Department of Pathobiology and Population Medicine, Mississippi State University College of Veterinary Medicine, Mississippi State, MS. ²Athens Veterinary Diagnostic Laboratory, Department of Pathology, University of Georgia College of Veterinary Medicine, Athens, GA, rissi@uga.edu

Clinical History: A 9-year-old male neutered domestic longhair cat with acute onset depression and anisocoria was euthanized with pentobarbital overdose due to the rapid and progressive nature of the clinical signs.

Autopsy Findings: A well demarcated, white, firm, elongated mass completely occluded the right horizontal ear canal, extended into the auditory tube, and protruded into the nasopharynx (Fig. 1). The right tympanic bulla was filled with translucent, gelatinous material. A relatively well demarcated, white, soft plaque was attached to the leptomeninges and infiltrated into the outer neuroparenchyma of the ventral right temporal and piriform lobes of the brain. No connection was observed between the auricular/nasopharyngeal and encephalic lesion.

Gross Images:

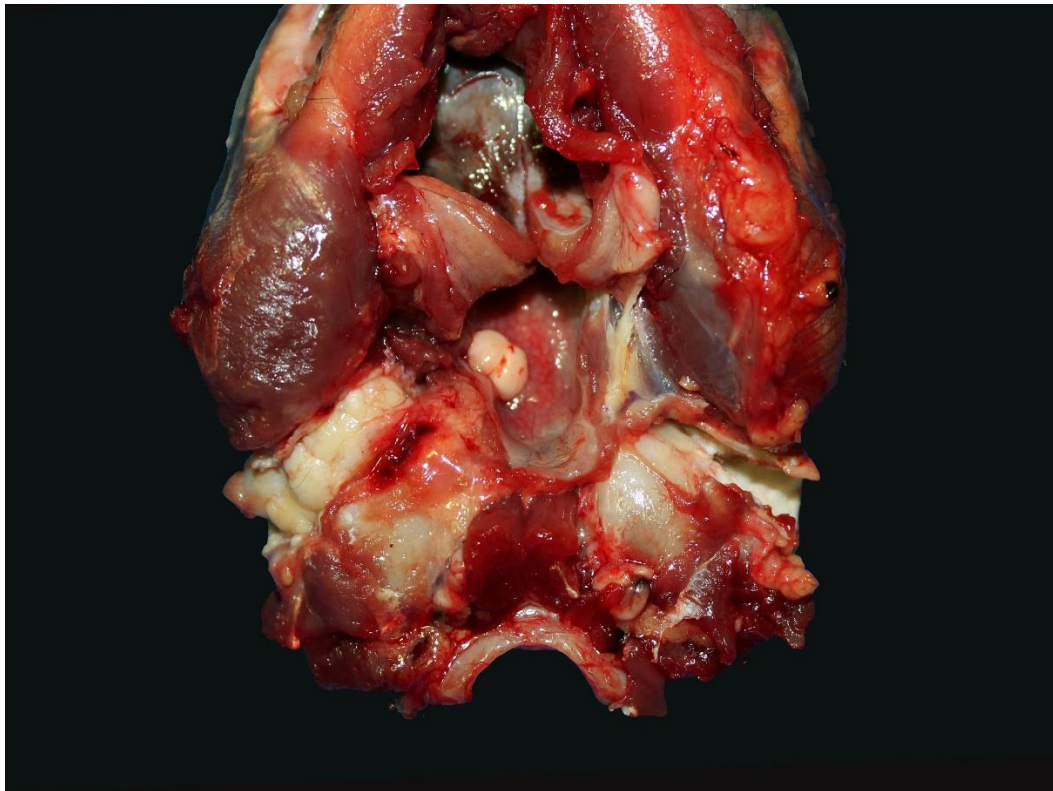


Figure 1.

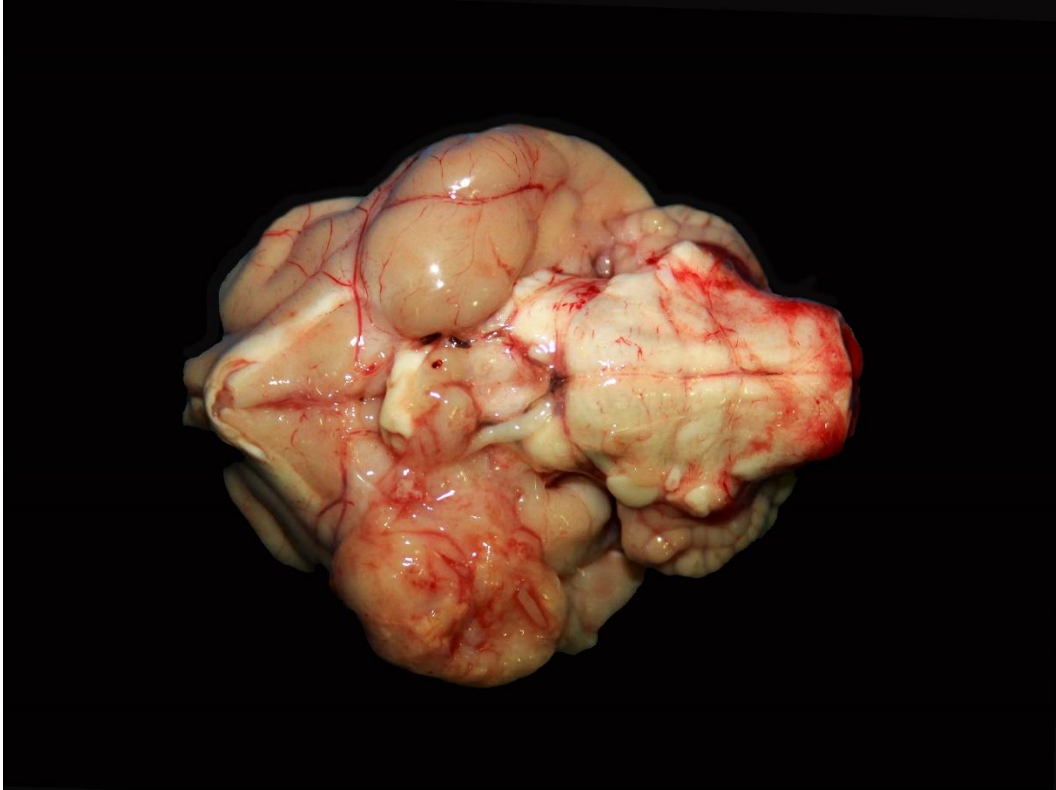


Figure 2.

Follow-up Questions:

1. *What are your differential diagnoses?*
2. *What is your most likely diagnosis?*
3. *What would you use to confirm the diagnosis?*

*The Diagnostic Exercises are an initiative of the Latin Comparative Pathology Group (LCPG), the Latin American subdivision of The Davis-Thompson Foundation. These exercises are contributed by members and non-members from any country of residence. - Consider submitting an exercise! - A final document containing this material with answers and a brief discussion will be posted on the CL Davis website.

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